

NODE=M099

***K<sub>1</sub>(1650)***

$$I(J^P) = \frac{1}{2}(1^+)$$

## OMITTED FROM SUMMARY TABLE

This entry contains various peaks in strange meson systems ( $K^+\phi$ ,  $K\pi\pi$ ) reported in partial-wave analysis in the 1600–1900 mass region.

NODE=M099

***K<sub>1</sub>(1650) MASS***

VALUE (MeV)	DOCUMENT ID	TECN	CHG	COMMENT
<b>1650±50</b>	FRAME 86	OMEG +	13	$K^+ p \rightarrow \phi K^+ p$
<b>• • • We do not use the following data for averages, fits, limits, etc. • • •</b>				
~1840	ARMSTRONG 83	OMEG -	18.5	$K^- p \rightarrow 3K p$
~1800	DAUM 81C	CNTR -	63	$K^- p \rightarrow K^- 2\pi p$

NODE=M099M

NODE=M099M

***K<sub>1</sub>(1650) WIDTH***

VALUE (MeV)	DOCUMENT ID	TECN	CHG	COMMENT
<b>150±50</b>	FRAME 86	OMEG +	13	$K^+ p \rightarrow \phi K^+ p$
<b>• • • We do not use the following data for averages, fits, limits, etc. • • •</b>				
~250	DAUM 81C	CNTR -	63	$K^- p \rightarrow K^- 2\pi p$

NODE=M099W

NODE=M099W

***K<sub>1</sub>(1650) DECAY MODES***

Mode
$\Gamma_1 \quad K\pi\pi$
$\Gamma_2 \quad K\phi$

NODE=M099215; NODE=M099

DESIG=1

DESIG=2

***K<sub>1</sub>(1650) REFERENCES***

FRAME 86	NP B276 667	D. Frame <i>et al.</i>	(GLAS)
ARMSTRONG 83	NP B221 1	T.A. Armstrong <i>et al.</i>	(BARI, BIRM, CERN+)
DAUM 81C	NP B187 1	C. Daum <i>et al.</i>	(AMST, CERN, CRAC, MPIM+)

NODE=M099

REFID=20569

REFID=22801

REFID=22548